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Sequence Listing was accepted.

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Reviewer: Durreshwar Anjum

Timestamp: Tue Oct 30 11:34:38 EDT 2007

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Application No: 10590831 Version No: 1.0

Input Set:

Output Set:

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Finished: 2007-10-11 15:53:22.140
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 273 ms
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Total Errors: 0
No. of SeqIDs Defined: 4
Actual SeqID Count: 4

Error code	Error Description
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SEQUENCE LISTING

<110> CJ Corporation
 Chung, Sung Oh
 Lee, Bheong-Uk
 Kang, Whan-Koo
 Ju, Jae-Yeong
 Koh, Eun Sung
 Park, Sung-Sik
 Pakr, Young-Hoon

<120> Gamma-Butyrobetaine hydroxylase Originated Frome Neurospora crassa

<130> HANOL-13074

<140> 10590831

<141> 2007-10-11

<150> PCT/KR05/00532

<151> 2004-02-26

<160> 4

<170> PatentIn version 3.4

<210> 1

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<212> DNA

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Lys Arg Arg Arg Glu Asn Glu Lys Leu Glu Ser Ser Leu Pro Pro Gly
35 40 45

Phe Pro Arg Arg Leu Asp Ser Asp Leu Val Trp Asp Gly Asn Thr Leu
50 55 60

Ala Glu Thr Tyr Asp Trp Thr Tyr Arg Leu Thr Glu Glu Ala Ile Asp
65 70 75 80

Glu Ile Glu Ala Ala Leu Arg His Phe Lys Ser Leu Asn Lys Pro Leu
85 90 95

Gly Tyr Ile Asn Gln Glu Thr Phe Pro Leu Pro Arg Leu His His Thr
100 105 110

Leu Arg Ser Leu Ser His Glu Leu His His Gly His Gly Phe Lys Val
115 120 125

Leu Arg Gly Leu Pro Val Thr Ser His Thr Arg Glu Glu Asn Ile Ile
130 135 140

Ile Tyr Ala Gly Val Ser Ser His Val Ala Pro Ile Arg Gly Arg Gln
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Asp Asn Gln His Asn Gly His Pro Ala Asp Val Val Leu Ala His Ile
165 170 175

Lys Asp Leu Ser Thr Thr Val Ser Asp Val Ser Lys Ile Gly Ala Pro
180 185 190

Ala Tyr Thr Thr Glu Lys Gln Val Phe His Thr Asp Ala Gly Asp Ile
195 200 205

Val Ala Leu Phe Cys Leu Gly Glu Ala Ala Glu Gly Gly Gln Ser Tyr
210 215 220

Leu Ser Ser Ser Trp Lys Val Tyr Asn Glu Leu Ala Ala Thr Arg Pro
225 230 235 240

Asp Leu Val Arg Thr Leu Ala Glu Pro Trp Val Ala Asp Glu Phe Gly
245 250 255

Lys Glu Gly Arg Lys Phe Ser Val Arg Pro Leu Leu His Phe Gln Ser
260 265 270

Thr Ala Ala Ala Ala Ser Arg Glu Ala Lys Pro Glu Ser Glu Arg Leu
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Ile Ile Gln Tyr Ala Arg Arg Thr Phe Thr Gly Tyr Trp Gly Leu Pro
290 295 300

Arg Ser Ala Asp Ile Pro Pro Ile Thr Glu Ala Gln Ala Glu Ala Leu
305 310 315 320

Asp Ala Leu His Phe Thr Ala Glu Lys Tyr Ala Val Ala Leu Asp Phe
325 330 335

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340

345

350

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 hydroxylase from Neurospora crassa

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